UC-12B - LARC 03/21/12

Aircraft: B-200 (UC-12B) - LARC (See full schedule)
Flight Number: G-LiHT 12-01
Payload Configuration: Goddard LiDAR, Hyperspectral and Thermal (G-LiHT) airborne imager
Nav Data Collected: Yes
Total Flight Time: 1.18 hours
Submitted by: Richard Yasky on 04/02/12
Flight Segments:

From:	LFI	**To:**	LFI
Start:	03/21/12 18:04 Z	**Finish:**	03/21/12 19:15 Z
Flight Time:	1.18 hours		
Log Number:	12B014	**PI:**	Bruce Cook
Funding Source:	Bruce Fisher - NASA - SMD - ESD LARC Chief Engineer, Research Services Directorate		
Purpose of Flight:	Science		
Comments:	Goddard's LiDAR, Hyperspectral and Thermal (G-LiHT) airborne imager was installed over the forward nadir portal, tested and used to collect science data on LaRC's UC-12 for the first time. G-LiHT was initially designed to be flown on a wing-mounted pod on LaRC's Cessna 206. A successful test flight and instrument boresight alignment over Gloucester Point, VA, conducted on 21 March 2012 in the King Air demonstrated the flexibility of the G-LiHT system and compatibility with different fixed wing platforms owned and operated by NASA. It also demonstrated the flexibility of the King Air series aircraft for NASA science missions.		

Flight Hour Summary:

	12B014
Flight Hours Approved in SOFRS	6
Total Used	4.51
Total Remaining	1.49

12B014 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
03/21/12	G-LiHT 12-01	Science	1.18	1.18	4.82	
03/22/12	G-LiHT 12-02	Science	3.3	4.48	1.52	

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

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